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PTO/SB/05 (03-01) Please type a plus sign (+) inside this box Approved for use through 10/31/2002. OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. UTILITY Attorney Docket No. R2180.0113/P113 PATENT APPLICATION First Inventor Kazuyasu Ohashi TRANSMITTAL A DOWNSIZE, HIGH PERFORMANCE., etc. Express Mail Label No. (Only for new nonprovisional applications under 37 CFR 1 53(b)) APPLICATION ELEMENTS Box Patent Application ADDRESS TO: Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 Fee Transmittal Form (e.g., PTO/SB/17) CD-ROM or CD-R in duplicate, large table or (Submit an original, and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission 8 See 37 CFR 1.27. (if applicable, all necessary) 3. Х Specification [Total Pages 73 Computer Readable Form (CRF) a. (preferred arrangement set forth below) Specification Sequence Listing on: Descriptive title of the invention
 Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or paper Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table c Statements verifying identity of above copies or a computer program listing appendix Background of the Invention ACCOMPANYING APPLICATIONS PARTS Brief Summary of the Invention
 Brief Description of the Drawings (if filed) 9. Assignment Papers (cover sheet & document(s)) Detailed Description - Claım(s) 37 CFR 3 73(b) Statement Power of 10 Abstract of the Disclosure Attorney (when there is an assignee) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 74 11. English Translation Document (if applicable) Information Disclosure 5. Oath or Declaration [Total Pages Copies of IDS 12. Statement (IDS)/PTO-1449 Newly executed (original or copy) 13. Preliminary Amendment Copy from a prior application (37 CFR 1.63(d)) Return Receipt Postcard (MPEP 503) 14 (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. inventor(s) named in the prior application, 16 see 37 CFR 1.63(d)(2) and 1.33(b) 17 Other: Application Data Sheet. See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76 Continuation Divisional Continuation-in-part (CIP) of prior application No Prior application information: Examiner Group / Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label Correspondence address below DICKSTEIN SHAPIRO MORIN & OSHINSKY LIP Name Mark J. Thronson 2101 L Street NW Address City Washington State DC Zip Code | 20037-1526 Country US Telephone (202) 785-9700 Fax (202) 887-0689 Name (Print/Type) Mark J. Thronson

FEE TRANSMITTAL for FY 2001  Patent fees are subject to annual revision.			Complete if Known							
			Application Number			N <sub>1</sub>	ot Yet Assigned			
			Filing Date			N <sub>1</sub>	ovember 43, 2001			
			First Named Inventor			or K	Kazuyasu Ohashi			
			Examiner Name			N <sub>1</sub>	Not Yet Assigned			
			Group Art Unit			N/	N/A			
OTAL AMOUNT OF PAYMENT	AMOUNT OF PAYMENT (\$) 1,920.00			Attorney Docket No.			R2180.0113/P113			
METHOD OF PAYME		FEE CALCULATION (continued)								
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to			DDITIO	NAL FE	EES			•		
Deposit account 104-1073		Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Description	Fee Paid		
Deposit		105	120	205	05	C	lata Ellan Con on out			

METHOD OF PAYMENT	FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES						
indicated fees and credit any overpayments to		Large Entity Small Entity					
Account 04-1073 Number		Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	
Deposit Account	105	130	205	65	Surcharge – late filing fee or oath		
Name	127	50	227	25	Surcharge – late provisional filing fee or cover sheet.		
X Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 Applicant claims small entity status. See 37 CFR 1.27		130	139	130	Non-English specification		
		2,520	147	2,520	For filing a request for ex parte reexamination		
2. X Payment Enclosed	112	920*	112	920*	Requesting publication of SIR prior to Examiner action		
X Check Credit Card Money Order Other	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		
FEE CALCULATION	115	110	215	55	Extension for reply within first month		
1. BASIC FILING FEE	116	390	216	195	Extension for reply within second month		
Large Entity Small Entity	117	890	217	445	Extension for reply within third month		
Fee Fee Fee Fee Description Fee Paid	118	1,390	218	695	Extension for reply within fourth month		
101 710 201 355 Utility filing fee 740.00	128	1,890	228	945	Extension for reply within fifth month		
106 320 206 160 Design filing fee	119	310	219	155	Notice of Appeal		
107 490 207 245 Plant filing fee	120	310	220	155	Filing a brief in support of an appeal		
108 710 208 355 Reissue filing fee	121	270	221	135	Request for oral hearing		
114 150 214 75 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 740.00	140	110	240	55	Petition to revive unavoidable		
	141	1,240	241	620	Petition to revive - unintentional		
2. EXTRA CLAIM FEES Extra Fee from Claims below Fee Paid	142	1,240	242	620	Utility issue fee (or reissue)		
Total Claims 56 -20** = 36 X 18.00 = 648.00	143	440	243	220	Design issue fee		
Independent 6 -3** = 3 x 84.00 = 252.00	144	600	244	300	Plant issue fee		
Multiple Dependent 280.00 = 280.00	122	130	122	130	Petitions to the Commissioner	-	
	123	50	123	50	Processing fee under 37 CFR 1.17(q)		
Large Entity Small Entity	126	180	126	180	Submission of Information Disclosure Stmt		
Fee Fee Fee Fee Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)		
103 18 203 9 Claims in excess of 20 102 80 202 40 Independent claims in excess of 3	146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		
104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	For each additional invention to be examined (37CFR 1.129(b))		
109 80 209 40 ** Reissue independent claims	179	710	279	355	Request for Continued Examination (RCE)		
over original patent	169	900	169	900	Request for expedited examination of a design application		
and over original patent	Other fee (specify)						
SUBTOTAL (2) (\$) 1,920.00  *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.  *To number previously paid, if greater; For Reissues, see above						0.00	
or number previously paid, if greater; For Reissues, see above							

SUBMITTED BY Complete (if applicable)							
Name (print/type)	Mark J. Thronson		Registration No. (Attorney/Agent)	33,082	Telephone	(202) 775-4742	
Signature	ma		C		Date	November 49, 2001	